

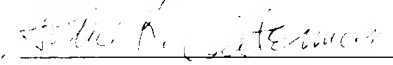
DEC 27 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bahramian et al. Docket No: 2498/101, formerly 2281/102  
Serial No: 09/472,558 Art Unit: 1632  
Date Filed: December 27, 1999 Examiner: Paras, Jr., P.  
Invention: MUTING GENE ACTIVITY Date: December 15, 2000  
USING A TRANSGENIC NUCLEIC ACID

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on December 15, 2000.

  
Sonia K. Guterman, Ph.D.

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Commissioner of Patents  
Washington, D.C. 20231

**RESPONSE A**

Sir:

In response to the Office Action dated July 18, 2000, please amend the application as follows.

**In the description:**

Please amend the description as follows:

On p. 2, line 8, after "10506" please insert --(1994)--.

On p. 4, line 17, please delete "plasmic" and insert --plasmid--.

On p. 11, line 13, please delete "replicaation" and insert --replication--.

On p. 19, line 6, please delete "--".

On p. 19, line 7, please delete "70°" and insert -- -70°--.

On p. 19, line 8, please delete "mg/ml-tRNA" and insert --mg/ml tRNA--.

On p. 19, line 16, please delete "Pipes" and insert --PIPES--.

On p. 28, line 18, please delete "mute" and insert --muting--.

On p. 29, line 6, please delete "undetectable" and insert --undetectable--.

On p. 30, line 15, please delete "revertants" and insert --revertant cells--.